

Converting Colors

Hex(3131BA)

Have a look what the booklet for
Hex(3131BA) contains.

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Color

Hex(3131BA)

Conversions

Conversions Part 1

Format	Color
Hex	3131BA
RGB	49, 49, 186
RGB Percent	19%, 19%, 73%
CMY	0.8078, 0.8078, 0.2706
CMYK	0.74, 0.74, 0.00, 0.27
HSL	240°, 58%, 46%
HSV	240°, 74%, 73%
XYZ	11.2279, 6.3948, 47.0969
YIQ	64.6180, -43.9770, 42.6070

Conversions

Conversions Part 2

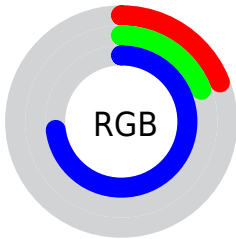
Format	Color
R_{YB}	49, 49, 186
Decimal	3223994
CIE _{Lab}	30.39, 45.39, -71.28
CIE _{LCh}	30, 84.500, 302.488
Yxy	6.3948, 0.1735, 0.0988
Android (android.graphics.Color)	4281414074 (0xFF3131BA)
YUV	64.6180, 59.8413, -13.6970
Hunter-Lab	25.2879, 35.0006, -92.7220

Details

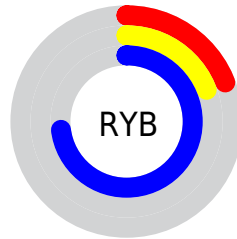
The Hex color **3131BA** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **BABA31**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **7461F3**, and **000583** is the 20% darker color. If you saturate the color by 10%, you get **1E1EBA**, and if you desaturate by 10%, it is **4444BA**.

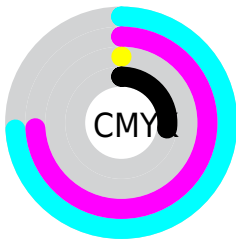
Distribution



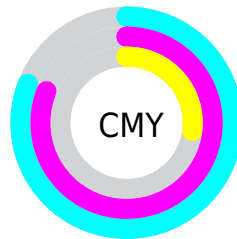
- Red (19%)
- Green (19%)
- Blue (73%)



- Red (19%)
- Yellow (19%)
- Blue (73%)



- Cyan (74%)
- Magenta (74%)
- Yellow (0%)
- Black (27%)




- Cyan (81%)
- Magenta (81%)
- Yellow (27%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3131BA changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 3131BA by changing the saturation by 10% instead.

 3131BA

 3131BA

FFFFFF

 001A9E

 7461F3

 000583

 927AFF

 000069

 B094FF

 000750

 CFAFFF

 000538


 EDCBFF


 000222

 FFE7FF

 000007

 000000

 3131BA

 3131BA

■ 1E1EBA

■ 4444BA

■ 0C0CBA

■ 5656BA

■ 0000BA

■ 6969BA

■ 7B7BBA

■ 8E8EBA

■ A1A1BA

■ B3B3BA

■ C6C6BA

■ D8D8BA

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0051D0



3131BA



950086

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3131BA



862600



005E4C

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3131BA



BABA31

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



005C00



3131BA



544800

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3131BA



A80002



005600



005F8E

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3131BA



AC005B



005600



005D34

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



3131BA



BDBDF2



31BABA



5B5B7A



FAFAFA



7A7A7A

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3131BA



1D1DF2



7631BA



53535C



00009C



00001C

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



BA31BA



F21DF2



76BA31



5C535C



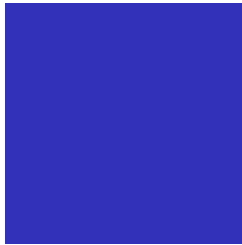
9C009C



1C001C

Previews

White Background



This preview shows how the Hex color 3131BA looks on a white background.

Color Contrast Check

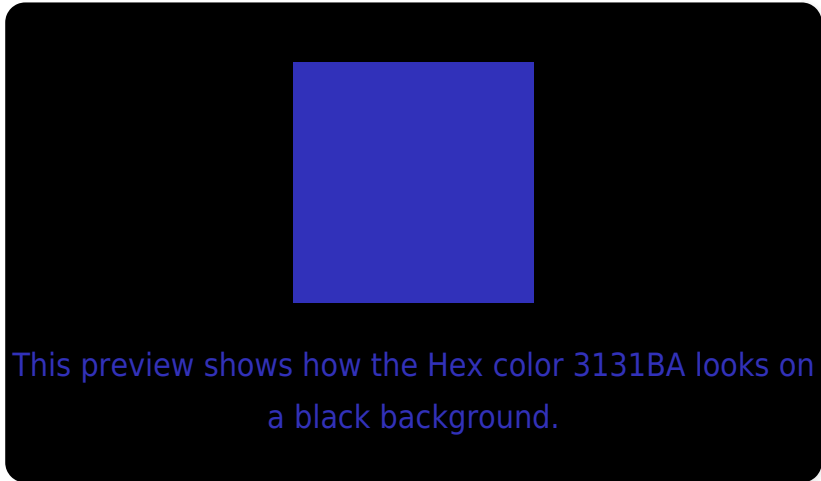
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

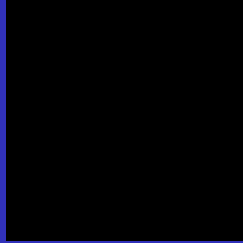
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3131BA Background



This preview shows how black text looks on a background with the Hex color 3131BA.



This preview shows how white text looks on a background with the Hex color 3131BA.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
3131BA

Protanomaly
123EA0

Deuteranomaly
124093

Monochromacy



Original Color
3131BA

Achromatopsia
414141

Achromatomaly
3B3B6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3131BA is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #3131BA looks like.

```
.text, #text, p{  
    color:#3131BA  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #3131BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3131BA
}
```

Border

The CSS property to change the border of an element to Hex 3131BA is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3131BA }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#3131BA }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #3131BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3131BA; -webkit-box-shadow:4px 4px  
4px 4px #3131BA; box-shadow:4px 4px 4px  
4px #3131BA }
```

Background

The CSS property to change the background color of an element to Hex 3131BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3131BA }
```

If only the background color should be changed can be used:

```
.background{ background-color:#3131BA }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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